

The Gliding Federation of Australia



Proposal to host the FAI World Gliding Championships 2016
Benalla Victoria Australia



Forward

Attached is Gliding Federation of Australia's proposal to host the 2016 Open, 18 metre and 15 metre class World Gliding Championships.

We have selected Benalla in Victoria as the site to run the competition. Benalla was the site for the 1987 World Championship and offers excellent soaring conditions and facilities that are second to none. The Gliding Club of Victoria, based at Benalla, is the largest cross country club in the country and has hosted 6 Australian National competitions in the last 10 years giving the club a depth of experience in managing large competitions.

The area around Benalla offers virtually unrestricted flying opportunities with little airspace restrictions to interfere with enjoyable soaring. Directly above the airfield we are limited to 12,500 feet (3,800m) and just 30 kilometres north we are limited to 18,500 feet (5,600m). Bring your oxygen systems!

The terrain is quite benign being flatland to the north and in the major tasking area. The area is wheat and sheep farming and therefore offers large landable paddocks (fields) over the task area providing for safe and fair competition conditions.

The proposed timing of the competition is January which offers the best and most reliable flying conditions from Benalla. Many long (1,100km) flights have been made from Benalla at this time. Cumulus clouds to 13,000 feet are not uncommon at this time of the year; your varicos should be tuned to show two digit average climbs of 13 knots (6.5 m/s).

The airfield nestles at the edge of the township with only a 1 kilometre walk into the town centre. A large, modern, tiered auditorium is 100 metres from the airfield and will be used as the daily briefing venue. The auditorium offers state of the art video and audio facilities and is fully air conditioned. Adjacent to the auditorium is a university which offers us their facilities for team and competition administration housing. The facility is modern, secure and fully air conditioned.

Benalla is just 2 hours drive by freeway to the City of Melbourne, Australia's second largest city. Benalla is located on the main railway line between Melbourne and Sydney so is serviced by trains on a regular schedule. Melbourne has a large international airport with flights either direct or via other international ports to most parts of the world. Melbourne is Australia's largest container port providing many options to import your gliders for the competition. Customs clearance facilities at Benalla will streamline the import process avoiding any potential delays at dockside.

We have the support of the local government of Benalla and the state government of Victoria who are both keen to assist us in making this competition a successful event for you all.

We offer you superb competition flying conditions, best facilities, convenience of local services, in a friendly and welcoming environment. Come to Australia.

Anita Taylor
President
Gliding Federation of Australia





**Application for organising a
"FAI World Gliding Championships 2016"**

Benalla, Victoria Australia

2016 WGC in the Open, 18m and 15m classes

Applicant:

The Gliding Federation of Australia Ltd
Gliding Club of Victoria

Name and address of National Aero Club:

Australian Sport Aviation Confederation
PO Box 3044
Batehaven, NSW 2536
Australia

Proposed Competition Director:

Terry Cubley
International Competition Pilot, Australian Delegate IGC, Competition Director World Gliding Championships –Gawler Australia 2001

Proposed Organisation of the event:

The Organizing Committee has been established by the GFA through a wholly owned Company structure similar to that employed for the WGC Gawler. The event has financial sponsorship from the State Government and the support of the Regional Shire. The organisation commencement will be immediately on the awarding of the event etc

Airfield:

The event will be held at Benalla in Eastern Australia. This site was the venue for the very successful 1987 World Gliding Championships and is regularly used for National championships in Australia. Many international visitors fly from this region [Benalla, Corowa and Tocumwal] each year, with many 1000km tasks completed. The Airfield is the home of the current Club Class World Gliding Championship silver medalist Tobi Geiger, and previously Michael Sommer, twice Open Class World Champion and current Open Class silver medalist.

Contact person (for the applicant):

Name: Terry Cubley
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Mobile Number: +61 422 003 164



Event and Year

34th FAI WORLD GLIDING CHAMPIONSHIP (Open, 18m, 15m): 2016

Site

Benalla,

Co-ordinates

S36° 33.116' E146° 0.355'

Direction and distance to nearest town, population of this town

- The airfield is adjacent to the town of Benalla, population of 14,000
- Within 60km of the regional cities of Shepparton and Wangaratta
- 200 km north of Australia's second largest city, Melbourne, with direct flights to the USA, Asia and Africa, with connections to Europe.
- Melbourne is Australia's largest container port providing many options to import your gliders for the competition.

Experience of airfield staff in organising championships

- The event management group is very experienced in organising numerous State & National and International gliding events including organising the WGC at Gawler South Australia. The team also has the support of the event unit of Benalla Rural City Council, Tourism North East and Sport and Recreation Victoria.

Dates

Proposed period for the event

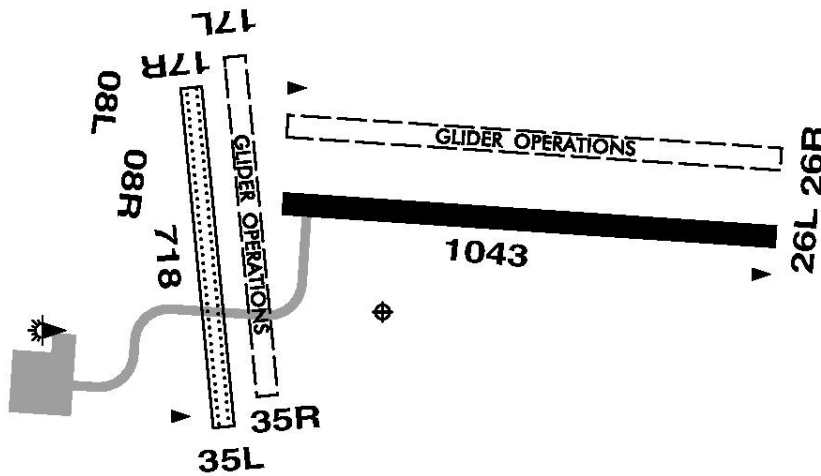
- Training Dates: 2 – 6 January 2017
- Competition Dates: 8 – 21 Jan 2017

- Alternate dates for training: 28 November – 2 December 2016
- Alternate dates for competition: 4 – 17 December 2016

The town of Benalla



Airfield operating data



Benalla Airport has the following key characteristics:

- Aerodrome elevation: 569 ft / 173 m
- Location: S36° 33.116' E146° 0.355'
- Runways:

Runway	Feet	Metres	Surface
08R/26L	3,422	1,043	Bitumen
08L/26R	3,422	1,043	Grass
17R/35L	2,356	718	Grass
17L/35R	2,356	960	Grass

Combination of bitumen and grass strips in a picturesque location close to the main town Centre. The Club has conducted many large gliding events safely

A recent grant from the Victorian State Government is providing for upgrades to the Airfield including drainage, additional tie downs, sealing the internal access track and improvements around the hangars.



Number of towplanes that will be employed:

- Minimum of 1 tug per 8 competitors plus standby

Meteorological facilities that will be provided:

- Full meteorological facilities will be provided in conjunction with the Australian Bureau of Meteorology

Parking facilities for gliders:

- Extensive tie down facilities are already available including water and access to power facilities.
- The Benalla Council is negotiating with Department of Agriculture Fisheries and Forestry (DAFF) to have an onsite quarantine clearance facility (Quarantine Approved premises under the Australian Quarantine Act).

Repair facilities for gliders:

- Approved glider repair personnel are available on site and the Club maintenance buildings will be available for emergency repair requirements.

Repair facilities for radios and instruments:

- A Civil Aviation Safety Authority (CASA) certified Avionics Business, and approved engine and airframe maintenance facilities are located at commercial aerodromes within 30km.

Oxygen requirements and supply facilities, (strongly recommended):

- Oxygen facilities will be made available

What plans do you have to implement the FAI Environmental Code of Conduct during your event?

- The event will have ISO 14000 accreditation
- As recommended by the FAI Environmental Commission there is an active Airfield Consultative and Coordination Committee responsible for Community liaison.
- The Benalla Rural City Environment Officer will provide support to the competition director in accordance with the Council Environmental Strategy.



Airfield Infrastructure

Briefing Room:

- The Benalla Performing Arts and Convention Centre located on the Airfield offers a 340 seat Air Conditioned Auditorium 150m from the gliding administration building.



The digitally capable facility offers web based delivery of pilot briefings, safety presentations weather reports onto a full size cinema screen. The facility can be converted to a fully operational theatre/cinema in five minutes providing entertainment for partners and crew.

The flexible layout of the three meeting rooms can be opened into one large space for receptions and trade displays.

Common Room(s) for the competitors:

- Access to the classrooms of the local university, 200m from the gliding administration building. Common rooms available plus teams will be able to access individual air-conditioned classrooms as their home base.
- A large air-conditioned Gliding clubhouse with bar and restaurant

Meeting Room for the International Jury:

- An air-conditioned room in the gliding administration building or university buildings will be provided for Jury and Stewards

Press Centre:

- Existing areas within the Airfield Club rooms complex will be made available

National Multi Class Championship briefing Benalla 2013



Gliding clubhouse facilities



Communication and internet equipment:

- Wireless Broadband access at the airfield is available for all competitors and crew.

Post and Banking:

- There are extensive Post and Banking facilities in the town within easy walking distance of the Airfield.

Insurance availability:

- Aircraft and Personal injury Insurance is available.

Toilets, wash rooms and shower rooms:

- There are existing facilities on site sufficient for major aviation events. Additional facilities will be provided for the WGC 2016 at the launch points.

Car parking:

- Ample parking is available both airside and on the public area. Existing car parking facilities are commonly used for up to 1000 vehicles.

Emergency (including fire):

- Detailed emergency plan is in place which has been developed over a number of years in support of major events held at the site.

The Benalla Council Emergency Management staff will provide support to the competition directors.

The State Emergency Service facility is located on the Airfield and the Country Fire Authority headquarters is less than three minutes from the Airfield.

Medical and First Aid:

- There will be Medical and First Aid facilities for the event including assistance from local volunteer emergency groups.
- The Benalla Hospital is adjacent to the airport and an all-hours pharmacy is within 400 mt of the airfield.

Conference and office rooms for the OSTIV Congress, if required:

- There are existing 340 seat Auditorium facilities within the University or within the town capable of hosting the OSTIV Conference.

Accommodation and food for competitors**Accommodation facilities available in the local area:**

- Benalla has extensive camping, Motel, Hotel, Guest house, B&B accommodation within close proximity to the site, much within walking distance.

Camping facilities at the airfield:

- There is an extensive existing camping facility on site

Catering for competitors at the airfield:

- Catering is available at the Airport and numerous restaurants within the town. The area forms part of the Northern Eastern Victoria wine regions with cellar doors open to the public at many premium wineries and restaurants within a short drive of the town.



Competition area

Topography in the contest area:

- The task area comprises flat fields throughout an extensive grazing and cropping region, complementing cross country flying activities. The nature of the farming provides outlanding options that are unsurpassed and safety for finishing aircraft

Meteorological conditions:

The information presented below gives detailed historical monthly average weather conditions for January along with exceptional weather occurrences. To maintain relevance to current weather trends the displayed information has been calculated using data collected over the past two decades.

Temperature

Throughout the month of January daytime temperatures will generally reach highs of around 30°C (85°F). At night the average minimum temperature drops down to around 16°C (61°F).

In recent times the highest recorded temperature in January has been 41°C (105°F), with the lowest recorded nighttime temperature 5°C, (41°F).

Relative Humidity

The average daily relative humidity for January is around 45%.

Precipitation

The average monthly amount of precipitation has been recorded at around 44 mm, 1.4 inches. Throughout the month you can expect to see rain or drizzle falling on 2 days of the month.

Wind

The average daily wind speed in January has been around 10 km/h, that's the equivalent to about 6 mph, or 6 knots.

Fog

On average the month of January is not affected by foggy conditions.

Airspace restrictions in the contest area:

- Some restricted areas around the small city airport of Albury, (80km North) which is not part of the contest area. The task area is effectively unrestricted to FL125 or FL185

Typical tasks to be expected:

- Up to 1000km

Road and traffic conditions:

- The area is in rural Australia and has minimal road traffic. The majority of roads are sealed.





Rules

Indicate the options intended to be used from Annex A for:

- Starting procedures: Optional start point (7.4.2 d) *or* Start line (7.4.2 b)
- Tasks: Racing task (6.2.1) and Speed task – assigned area (6.2.2)
- Finish procedures: Finish ring
- Scoring: 1000 points scoring system (8.1 a)

Indicate any particular conditions or possible restrictions that may be applied:

- For pilots and crews nil
- For sailplane and equipment nil

Number of competitors:

The maximum number of competitors that may be entered in the competition is 130

- Benalla has 4 runways, arranged as two parallel runways with contra circuits. All runways will be available for competition use.
- Our main use runways are 08-26. The glider runway (08L and 26R) is a 1,000 metre by 100 metre grassed runway, while its parallel power runway (08R and 26L) is a sealed runway of 1,000 metres by 20 metres with grass 20 metre verges on each side. The two runways are separated by approximately 30 metres of grassed area.
- Alternate runways are 17-35. Both are grass. The glider runway (35R and 17L) is approximately 960 metres by 50 metres, while the power runway (35L and 17R) is 840 by 50 metres.
- 08L glider runway has an overshoot area approximately 400 metres in length and an undershoot area (a portion of 35R) of 30 metres.
- In previous competition, notably the National Club Class competition, we have used the alternate runways 35R as tug landing runways allowing easy 'roll up' to awaiting gliders on 08L. This has provided for very efficient tow operation.

Indicate how the classes will be separated:

- Starts: Through allocating different start points/lines for each class
- On task: Through task directions and task types. Wide tasking area easily enables separation of classes
- Finishing and landing: There are multiple landing lanes available on the airfield

Costs Euros

Entry fee:	900 Euro	▪ includes: electronic (plus hard copy on request), contest area maps, turn points, airspace, Local Rules, weather data and services, pilot/crew ID tags, briefing sheets plus any other operational services required.
Aero tows:	50 Euro	
Car fuel per litre:	1.00 -1.20 euro per litre	
Rental cars:	25 euro /day	
Accommodation		
Hotels	From 30 Euro per day	
Apartments	From 150 Euro per week	
Bed and Breakfast	From 40 Euro per day	
Camping	From 5 Euro per day	
Catering:		
Hotels	From 12 Euro per dinner / meal	
Restaurants	From 15 Euro per dinner meal	
Airfield	From 12 Euro per dinner meal	

Expected total costs during the contest period for a pilot with 2 crew members:
[Lots of flying, so assuming 12 contest days and 4 official practice days]:

Entry		900 Euro	
Accommodation:	3x16x(5 – 30)	240 - 1440 Euro	
Meals	3x16x12 EU	576 Euro	
Aerotows	16x50 EU	800 Euro	
Total Team of 3		2516 – 3716 Euro	

Glider availability

With the majority of competitions held in Europe, there are many Australian pilots with competitive gliders seeking to swap their gliders for one in Europe, USA, South Africa, etc. Many gliders ship to Australia each year, so hiring from the European owner is a good option. Shipping your own glider to Australia can be offset though offering the glider to other pilots to fly outside of the competition period. Most pilots should be able to access a suitable glider at zero or minimal cost.

The availability of local gliders for hire	30% of fleet locally
The costs of hire	From 160 Euro per day
Any restrictions on hire	No



Training opportunities

- The airfield will be open for training prior to the event. Pilots will be able to compete in State championships and Regional events during the month leading up to the event.
- The site plus nearby sites of Corowa and Tocumwal have a commercial operation that will provide launches and help at any time during the year prior to the event.
- A training event will be held in conjunction with the Australian nationals in the year prior to the event

